

REMARKS

Claims 1-5, 9-11, 16 and 17 are pending in this application.

By this Amendment, claims 11 and 16 are amended to remove the word "board" and claims 12-14 are canceled. Thus, no new matter is added by this Amendment.

Entry of the amendments is proper under 37 C.F.R. §1.116 since the amendments: (a) place the application in condition for allowance for the reasons discussed herein; (b) do not raise any new issue requiring further search and/or consideration since the amendments merely remove the word "board" and cancel claims; (c) do not present any additional claims without canceling a corresponding number of finally rejected claims; and (d) place the application in better form for appeal, should an appeal be necessary. The amendments are necessary and were not earlier presented because they are made in response to arguments raised during a November 30 personal interview with Examiner Munson. Entry of the amendments is thus respectfully requested.

Applicant appreciates the courtesies shown to Applicant's representative by Examiner Munson in the November 30 personal interview. Applicant's separate record of the substance of the interview is incorporated into the following remarks.

I. Allowable Subject Matter

Applicant thanks the Examiner for the indication that claims 1-5, 9, 10 and 17 are allowed.

II. Information Disclosure Statement

An Information Disclosure Statement (IDS) was filed on November 18, 2004. However, Applicant has not yet received a copy of Form PTO-1449 from the IDS, acknowledging that the disclosed reference has been considered by the Examiner. Applicant respectfully requests that the Examiner initial the reference on the Form PTO-1449 as having been considered and return the executed form to Applicant.

III. Rejection Under 35 U.S.C. §112, First Paragraph

Claims 11-14 and 16 were rejected under 35 U.S.C. §112, first paragraph because the specification allegedly does not clearly describe "circuit board," as recited in claims 11, 12 and 16, and "shift registers, level shifters, buffer circuits, and analog switches," as recited in claim 13. Applicant respectfully disagrees.

Specifically, Applicant submits that the terms "circuit board, shift registers, level shifters, buffer circuits, and analog switches" are terms commonly known to one of ordinary skill in the art.

As discussed in the September 26, 2003 Amendment and the January 2, 2004 Amendment After Final Rejection, compliance with the first paragraph of §112 is adjudged from the perspective of the person skilled in the pertinent art, (*In re Smith*, 481 F.2d 910, 914 178 USPQ 620, 624 (CCPA 1973)) and an inventor need not explain every detail since he is speaking to those skilled in the art (*In re Howarth*, 654 F.2d 103, 105, 210 USPQ 689, 691 (CCPA 1981)).

Accordingly, Applicant submits that because the terms "circuit board, shift register, level shifters, buffer circuits and analog switches" are each terms commonly known in the art, further narrative description or illustration in the specification is neither required nor necessary. For example, the skilled artisan would have no trouble fabricating a circuit board including the semiconductor of claim 1.

During the November 30 personal interview, the Examiner argued that there was insufficient support in the specification for claims 11-14 and 16 in order to determine whether Applicant was one skilled in the art. Applicant disagrees. Specifically, whether there is sufficient support for the claimed subject matter is not dependent on Applicant's skill in the art. The Examiner is not applying the correct standard, and Applicant's skill level is not germane to this issue.

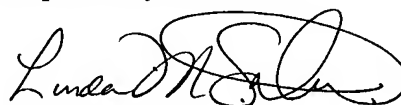
Nonetheless, in order to expedite allowance of this application, Applicant herein amends the claims as suggested by the Examiner. In particular, in order to overcome the rejection, the Examiner suggested removing "board" from the preamble of claims 11 and 16 and canceling claims 12-14 in order to place the application in condition for allowance. Thus, Applicant herein amends claims 11 and 16 as suggested by the Examiner and cancels claims 12-14. Accordingly, this rejection has been overcome.

Reconsideration and withdrawal of this rejection are thus respectfully requested.

IV. Conclusion

In view of the foregoing remarks, Applicant respectfully submits this application is in condition for allowance. Favorable consideration and prompt allowance of claims 1-5, 9-14, 16 and 17 are earnestly solicited.

Respectfully submitted,



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